



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#8  
12/3/03  
A.W.

In re application of: **George et al.**

Serial No.: **09/717,809**

Filing Date: **11/21/2000**

For: **Method and system for an Object  
Model with Embedded Metadata and  
Mapping Information**

§ Group Art Unit: **2177**

§

§ Examiner: **Robinson, G.**

§

§ Attorney Docket No.: **AUS9-2000-0551-US1**

§

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By: 

Joseph R. Burwell, Reg. No 44,468

**LETTER TO OFFICIAL DRAFTSPERSON**

Submitted herewith are formal drawings (7 sheets) for the above-identified application.

DATE: November 10, 2003

Respectfully submitted,

**RECEIVED**

NOV 25 2003

  
Joseph R. Burwell

Reg. No. 44,468

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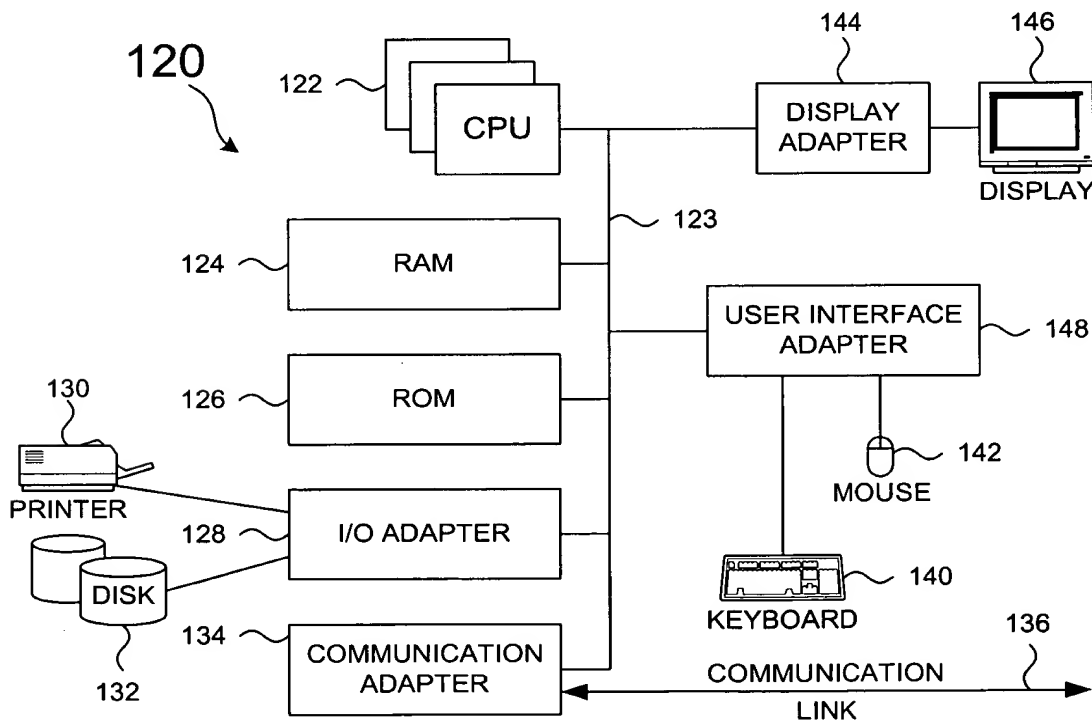
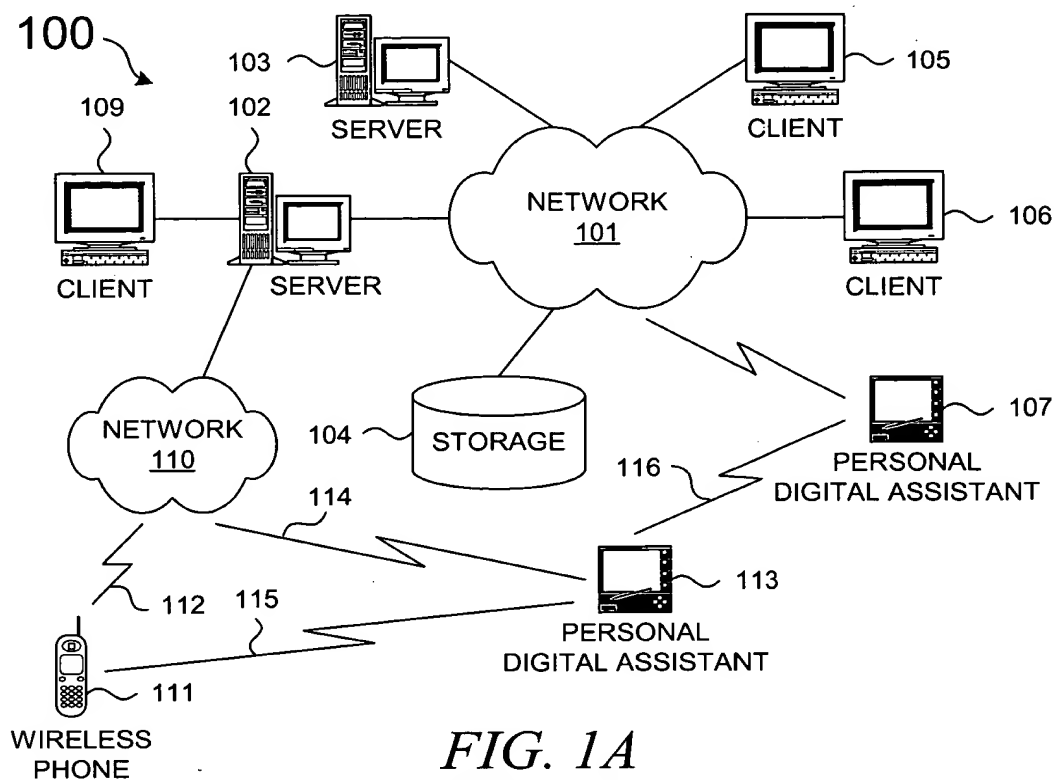
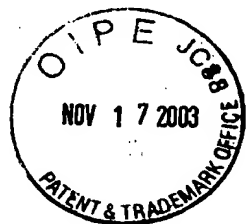
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Technology Center 2100

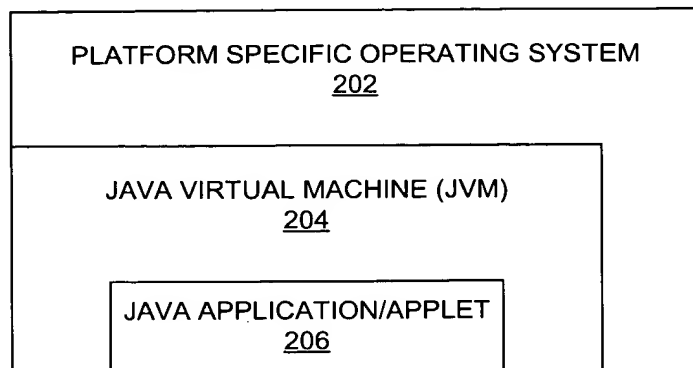
1/7



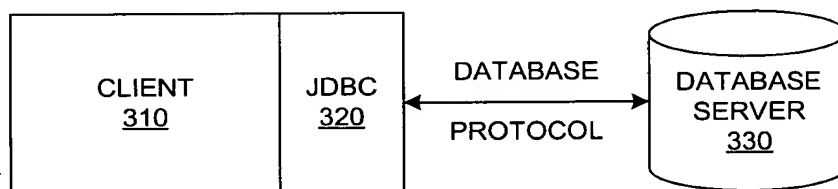
2/7



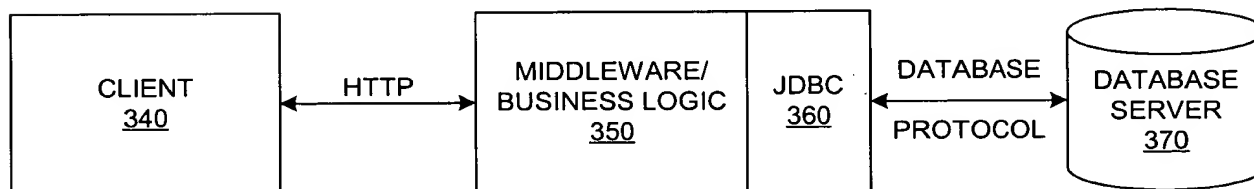
200



**FIG. 2**  
(PRIOR ART)



**FIG. 3A**  
(PRIOR ART)



**FIG. 3B**  
(PRIOR ART)



| AUTHOR_ID (PK) | NAME         | URL        | DESCRIPTION                        |
|----------------|--------------|------------|------------------------------------|
| ADAM           | ADAMS, JOHN  | HTTP://... | "This author received an IEEE ..." |
| APON           | APONE, KEVIN | HTTP://... | "After spending ten years in ..."  |
| .              | .            | .          | .                                  |
| .              | .            | .          | .                                  |
| .              | .            | .          | .                                  |
| AUTH_TABLE     |              | 410        |                                    |

400

| ISBN (PK)       | AUTHOR_ID (PK) | SEQ_NO |
|-----------------|----------------|--------|
| 0-08-882-111-4  | ADAM           | 1      |
| 0-07-456-432-1  | APON           | 4      |
| .               | .              | .      |
| .               | .              | .      |
| .               | .              | .      |
| BOOK_AUTH_TABLE |                | 420    |

| ISBN (PK)      | TITLE            | PUBLISHER_ID | URL        | PRICE |
|----------------|------------------|--------------|------------|-------|
| 0-08-882-111-4 | BEYOND THE ARTIC | 00989        | HTTP://... | 27.95 |
| 0-07-456-432-1 | GUIDE TO JAVA    | 01432        | HTTP://... | 15.00 |
| .              | .                | .            | .          | .     |
| .              | .                | .            | .          | .     |
| .              | .                | .            | .          | .     |
| BOOK_TABLE     |                  | 430          |            |       |

FIG. 4

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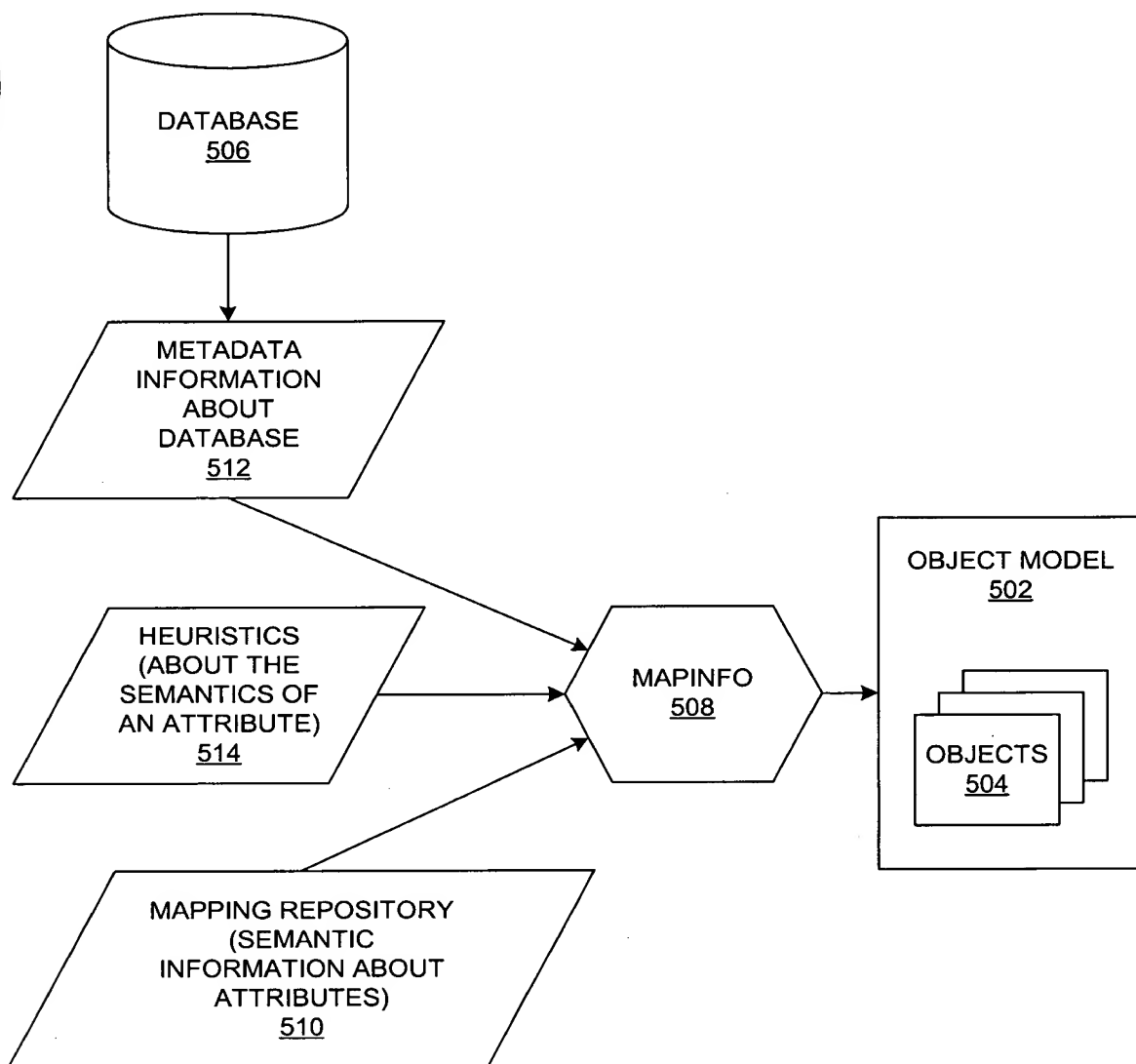


FIG. 5

600 { **Java Class Definition**  
 class Author {  
   private String m\_author\_id;  
   private String m\_author\_name;  
   private String m\_url;  
   private String m\_description;  
 }

FIG. 6A

|           |                |
|-----------|----------------|
| APPROVED  | O.G. FIG.      |
| BY        | CLASS/SUBCLASS |
| DRAFTSMAN |                |

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```

<MappingRecord classname="Author" >
  <TableName> AUTH_TABLE </TableName>
  <Attribute position="1">
    <ClassField type= "String"> m_author_id </ClassField>
    <DBField> AUTHOR_ID </DBField>
    <Truncatable> NO </Truncatable>
  </Attribute>
  <Attribute position="2">
    <ClassField type= "String"> m_author_name</ClassField>
    <DBField> NAME </DBField>
    <Truncatable> NO </Truncatable>
  </Attribute>
  <Attribute position="3">
    <ClassField type= "String"> m_url</ClassField>
    <DBField> URL </DBField>
    <Truncatable> NO </Truncatable>
  </Attribute>
  <Attribute position="4">
    <ClassField type= "String"> m_description</ClassField>
    <DBField> DESCRIPTION </DBField>
    <Truncatable> YES </Truncatable>
  </Attribute>
</MappingRecord>

```

FIG. 6B

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```

<Table name="AUTH_TABLE" numattributes="4">
  <PrimaryKey>
    <Field name="AUTHOR_ID" pos="1">
      <Type> VARCHAR2 </Type>
      <Nullable> FALSE </Nullable>
      <Length> 20 </Length>
    </Field>
  </PrimaryKey>
  <Field name="NAME" pos="2">
    <Type> VARCHAR2 </Type>
    <Nullable> FALSE </Nullable>
    <Length> 40 </Length>
  </Field>
  <Field name="URL" pos="3">
    <Type> VARCHAR2 </Type>
    <Nullable> FALSE </Nullable>
    <Length> 1024 </Length>
  </Field>
  <Field name="DESCRIPTION" pos="4">
    <Type> VARCHAR2 </Type>
    <Nullable> FALSE </Nullable>
    <Length> 512 </Length>
  </Field>
</Table>

```

FIG. 6C

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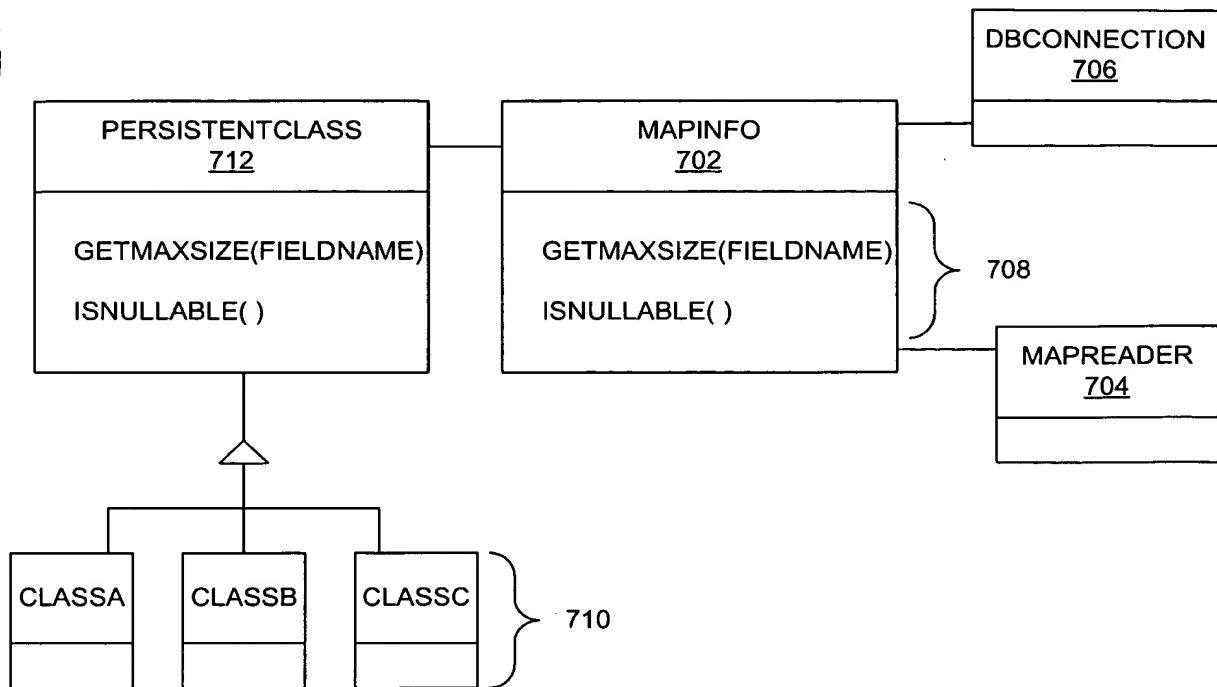


FIG. 7

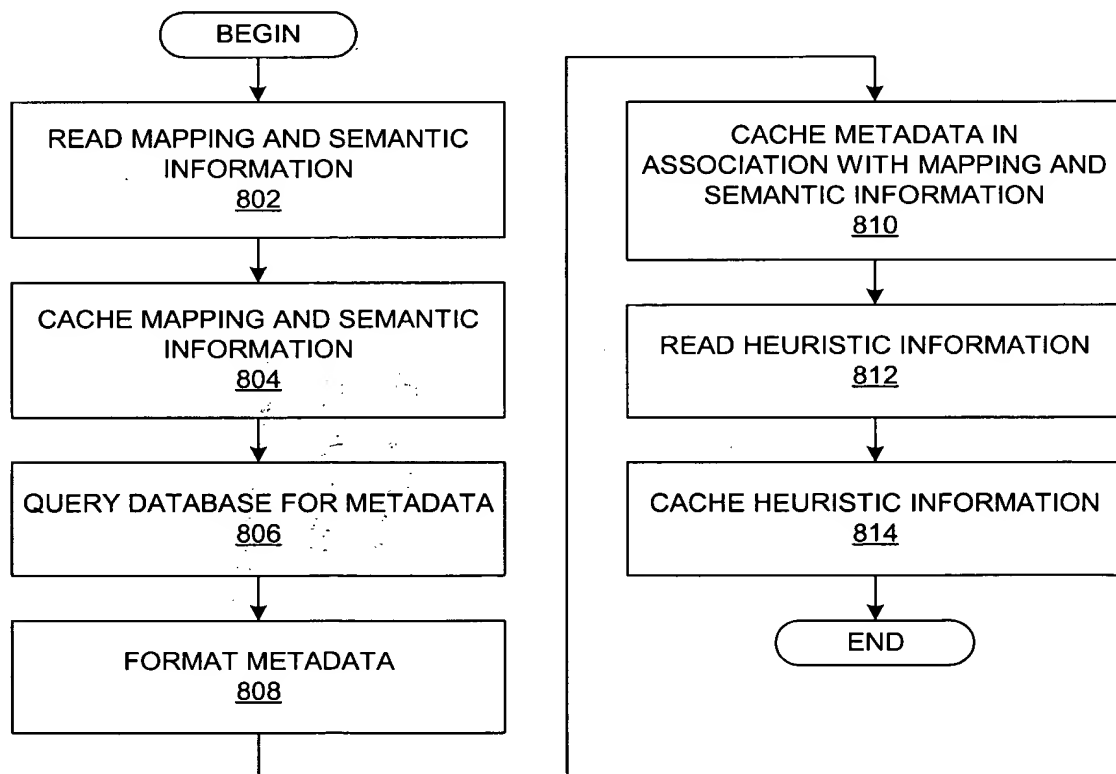


FIG. 8A

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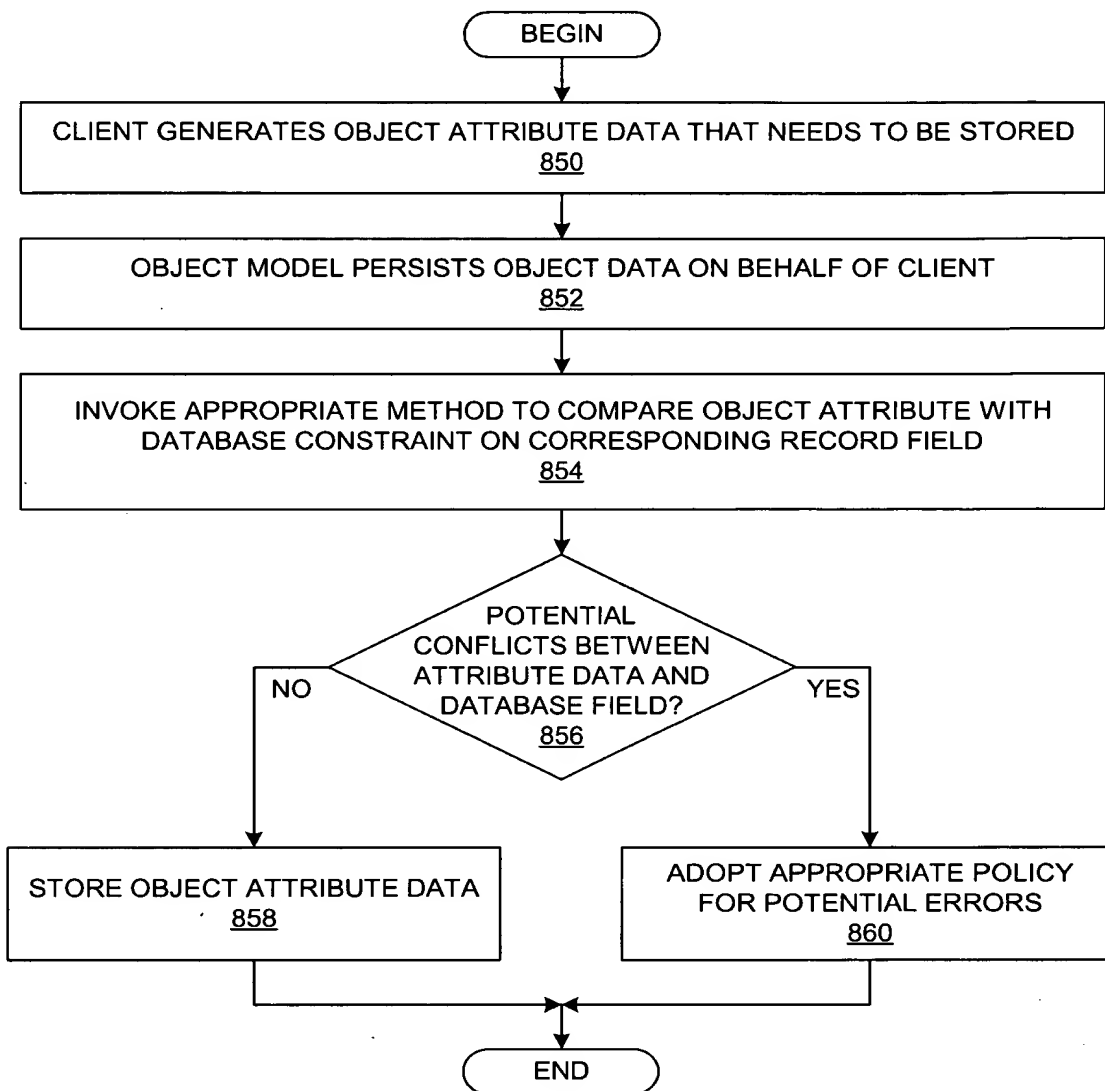


FIG. 8B